

Table 4. Summary of total nitrogen and total phosphorus concentrations for potential methods of nutrient criteria development in the Northeastern Coastal Zone in Massachusetts and New Hampshire

[mg/L, milligrams per liter]

Criteria method	Total nitrogen (mg/L)	Total phosphorus (mg/L)
Subcoregion 59 preliminary criteria.	0.57	0.024
25 th percentile-all sites in this study.	.64	.030
10 th percentile-impaired sites in this study.	.73	.036
Estimated concentrations of total nitrogen and total phosphorus¹		
Estimated concentration at the 25 th percentile of chlorophyll <i>a</i> from all open-canopy sites.	.45	.027
Estimated concentration at the 75 th percentile of chlorophyll <i>a</i> from all open-canopy reference sites.	.90	.075
Estimated concentration at the median literature concentration for chlorophyll <i>a</i> for moderately enriched streams.	1.3	.120

¹ Concentrations of total nitrogen and total phosphorus are estimated from chlorophyll *a* concentrations in this study ([figs. 7](#) and [8](#)).